



FIG. 1

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Group Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 H																2 He	
2		3 Li		4 Be												10 Ne		
3		11 Na	12 Mg													17 Cl		
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	5 B	6 C	7 N	8 O	9 F	
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Ag	47 Cd	48 In	49 Ge	50 As	51 Se	52 Te	54 Kr	
6	55 Cs	56 Ba	*	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Sb	83 Bi	85 At	
7	87 Fr	88 Ra	*	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Uub	113 Uut	114 Ung	115 Up	116 Uuh	
*Lanthanoids	*	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb			
**Actinoids	**	89 Th	90 Pa	91 U	92 Np	93 Pu	94 Am	95 Cm	96 Bk	97 Cf	98 Es	99 Fm	100 Md	101 Md	102 No			

FIG. 2

aàáäâbcdeééëfghíííijklmnoòóöôpqrstuvùùûûvwxyz
ABCDEFIGHIJKLMNOPQRSTUVWXYZ

FIG. 3A The Dutch Alphabet

abcde fghijklmnopqrs szz tuvw w ö ä ö ü xy
ABCDEFGHIJKLMNOPQRS SZZ TUUVW W Ö Ä Ö Ü XY

FIG. 3B The Estonian Alphabet

ا ب پ ت ث ج چ ح خ د ر ز ن س ش ه س ه ن ه
ظ ع غ ف ق ک ش ک ل م ن ه و ی
۰۹۸۷۶۵۴۳۲۱

FIG. 3C The Farsi Alphabet

abcde fghijklmnopqrstuvwxyz ä ö
ABCDEFGHIJKLMNOPQRSTUVWXYZÄÖ

FIG. 3D The Finnish Alphabet

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aàââbcççdeééèéèfghiiijklmnoôœpqrstuûûvwxyz
AAÂBCÇÇDEÉÉÈFGHIIÏJKLMNOÔŒPQRSTUÙÛVWXYZ

FIG. 3E The French Alphabet

abcdefghijklmnopqrstuvwxyzßäöü
ABCDEFGHIJKLMNOPQRSTUVWXYZÄÖÜ

FIG. 3F The German Alphabet

ΑΑΒΓΔΕΈΖΗΗΘΙΪΚΑΜΝΕΟΟΠΡΣΤΥΫΫΦΧΨΩΩ
αάβγδεέζηηθιΪκαμνξօօպրտսՅնֆխպաօ

FIG. 3G The Greek Alphabet

אָבָגְדָהְזְוִוְתְּמְלְבְּדְלְאְפְּרְנְסְׁתְּיְזְרְעֵלְלְאְשְׁרְׁ

FIG. 3H The Hebrew Alphabet

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ਕ ਖੁਗ ਘੜੜਾ ਲੁਝ ਝੱਕ ਟੁਠੁਣ ਤ ਥਦ ਥਨ ਪ ਫਰ ਭ
ਸ ਧ ਰ ਲ ਵ ਸ਼ ਸ ਸ ਹ ਲ਼ ਕਿ ਤੁ ਝ

FIG. 3I The Hindi Alphabet

FIG. 3J The Hungarian Alphabet

aàbçcdeèéfghìíjklmnoòópqrstùúvwxyz
AÀBÇCDEÈÉFGHÌÍJKLMNOÒÓPQRSTÙÚVWXYZ

FIG. 3K The Italian Alphabet

abcdefghijklmnopqrstuvwxyzæøå
ABCDEFGHIJKLMNOPQRSTUVWXYZÆØÅ

FIG. 3L The Norwegian Alphabet"

AĄBĆCĆDĘEFGHIJKŁMNŃOÓPQRSŚTUVWXYZZŻ
AĄBĆCĆDĘEFGHIJKŁMNŃOÓPQRSŚTUVWXYZZŻ

FIG. 3M The Polish Alphabet

aaaâäbcçdeéêfgħijkłmnoòóôðpqrstuúüvwxyz
ÀÀÁÃÄBCÇDEÉÊFGĦIJKLMNOPOÒÓÔÐPQRSTU
ÚÜVWXYZ

FIG. 3N The Portuguese Alphabet

абвгдёёжэйклмнопрстуфхцчшъыъюя
АБВГДЁЁЖЭЙКЛМНОПРСТУФХЦЧШЪЫЪЮЯ

FIG. 30 The Russian Alphabet

aábcdeéfgħijkłmnñooópqrstuwñvwxz
AÁBCDEÉFGHIIJKLNMNÑOÓPQRSTUÑVWXZ

FIG. 3P The Spanish Alphabet

abcdefghijklmnoprstuvwxyzâäö
ABCDEFGHIJKLMNPQRSTUVWXYZÄÖ

FIG. 3Q The Swedish Alphabet

กขຄງฅຍະພູມລູກຄູຫາມລູມຕອກທັນ
ນບປັຜົພົມຍາດລາມຂະໜາພວດ

FIG. 3R The Thai Alphabet

ââbcçdefgğhiîjklmnoööpqrsştuüûvwxyz
AÂBCÇDEFGĞHIÎJKLMNOÖÖPRSTUÜÛVWXYZ

FIG. 3S The Turkish Alphabet

ââââääbcdeéééfghííílmnoôôôôôprstuûûwýýýýýý
AÂAÂAÂBCDEÉÉÉFGHÍÍÍLMNOÔÔÔÔÔPRSTUÜÛÜÜWÝÝÝÝÝÝ

FIG. 3T The Welsh Alphabet

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